



SEQUENCE LISTING

COPY OF PAPERS
ORIGINALLY FILED

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<120> IRON-REGULATING PROTEIN-2 (IRP-2) IS
DIAGNOSTIC FOR NEURODEGENERATIVE DISEASE

<130> LOMAU.140A

<140> 09/924,396

<141> 2001-08-06

<150> 60/222,863

<151> 2000-08-04

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<223> peptide for antibody production

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 20           25           30
Gly Gln Thr Thr Cys Arg Gly Ser Cys Asp Ser Gly Glu Leu Gly Arg
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Asn Ser Gly Thr Phe Ser Ser Gln Ile Glu Asn Thr Pro Ile Leu
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cccatcctg 189

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<223> peptide for antibody production

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1				5				10						15	
Gly	Lys	Leu	Ser	Pro	Leu	Lys	Val	Gln	Pro	Lys	Lys	Leu	Pro	Cys	Arg
			20					25					30		
Gly	Gln	Thr	Thr	Ala	Arg	Gly	Ser	Cys	Asp	Ser	Gly	Glu	Leu	Gly	Arg
		35				40						45			
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<223> cloning oligonucleotide

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gctgattctg	gagaactagg	ccgaaactca	ggaacatttt	cttcgcagat	tgagaatata	180
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			20					25					30		
Gly	Gln	Thr	Thr	Cys	Arg	Gly	Ser	Ala	Asp	Ser	Gly	Glu	Leu	Gly	Arg
		35				40						45			
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Gly Lys Leu Ser Pro Leu Lys Val Gln Pro Lys Lys Leu Pro Ala Arg
20 25 30
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35 40 45
Asn Ser Gly Thr Phe Ser Ser Gln Ile Glu Asn Thr Pro Ile Leu
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Asn Ser Gly Thr Phe Ser Ser Gln Ile Glu Asn Thr Pro Ile Leu
50 55 60

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cccatcctg                                     189
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<223> peptide for antibody production

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Gly Lys Leu Ser Pro Leu Lys Val Gln Pro Lys Lys Leu Pro Ala Arg
                20             25             30
Gly Gln Thr Thr Cys Arg Gly Ser Ala Asp Ser Gly Glu Leu Gly Arg
                35             40             45
Asn Ser Gly Thr Phe Ser Ser Gln Ile Glu Asn Thr Pro Ile Leu
 50             55             60
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cccatcctg                                     189
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Gly Lys Leu Ser Pro Leu Lys Val Gln Pro Lys Lys Leu Pro Ala Arg
                20             25             30
Gly Gln Thr Thr Ala Arg Gly Ser Ala Asp Ser Gly Glu Leu Gly Arg
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35	40	45
Asn Ser Gly Thr Phe Ser Ser Gln Ile Glu Asn Thr Pro Ile Leu		
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Ser	Ile	Val	Asp	Arg	Thr	Thr	Ile	Ala	Asn	Met	Cys	Pro	Glu	Tyr	Gly
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Glu	His	Thr	Gly	Phe	Ser	Lys	Ala	Lys	Leu	Glu	Ser	Met	Glu	Thr	Tyr	385	390	395	400
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Pro	Tyr	Ile	Arg	Thr	Ser	Leu	Ser	Pro	Gly	Ser	Gly	Met	Val	Thr	His	530	535	540	
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Cys	Val	Arg	Ala	Asn	Tyr	Leu	Ala	Ser	Pro	Pro	Leu	Val	Val	Ala	Tyr	610	615	620	
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Phe	Lys	Ala	Leu	Lys	Asp	Lys	Ile	Glu	Met	Gly	Asn	Lys	Arg	Trp	Asn	675	680	685	
Ser	Leu	Glu	Ala	Pro	Asp	Ser	Val	Leu	Phe	Pro	Trp	Asp	Leu	Lys	Ser	690	695	700	
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Ile	Ala	Leu	Gln	Ala	Ile	Glu	Asn	Ala	His	Val	Leu	Leu	Tyr	Leu	Gly	725	730	735	
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Glu	Phe	Asn	Ser	Tyr	Gly	Ala	Arg	Arg	Gly	Asn	Asp	Ala	Val	Met	Thr	770	775	780	
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Phe	Glu	Ala	Ala	Glu	Leu	Tyr	Gln	Lys	Glu	Gly	Ile	Pro	Leu	Ile	Ile	820	825	830	
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Gln	Phe	Leu	Pro	Gly	Glu	Asn	Ala	Asp	Ser	Leu	Gly	Leu	Ser	Gly	Arg
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<212> PRT

<213> Rattus Norvegicus

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Phe Phe Pro Ala Arg Val Val Leu Gln Asp Phe Thr Gly Ile Pro Ala
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